

WHAT IS CLAIMED IS:

Sub A4 > 1. A device for manufacturing a printing blanket comprising:
a base sleeve;
a liquid applicator applying a radiation-curing polymer to the base sleeve; and
a radiation source curing the radiation-curing polymer.

2. The device as recited in claim 1 wherein the blanket is continuously formed.

Sub A5 > 3. The device as recited in claim 1 further comprising second liquid applicator
applying a second polymer over the radiation-curing polymer.

4. The device as recited in claim 1 wherein the radiation-curing polymer is a compressible liquid polymer.

5. The device as recited in claim 1 wherein the radiation-curing polymer is radiation-curing polyurethane.

6. The device as recited in claim 5 wherein the radiation source is ultraviolet light.

7. The device as recited in claim 1 wherein the radiation source is one of ultraviolet light and an electron beam.

8. The device as recited in claim 1 wherein the base sleeve is rotatable.

9. The device as recited in claim 8 wherein the base sleeve is translatable.

Sub A6 > 10. A method for forming a tubular printing blanket comprising the steps of:
placing a radiation-curable polymer over a base so as to form a layer of a printing blanket; and

~~/a~~ curing the radiation-curable polymer using a radiation source.

11. The method as recited in claim 10 further comprising rotating the base.

12. The method as recited in claim 10 wherein the layer is a compressible layer.

13. The method as recited in claim 12 further comprising providing a print layer over the compressible layer.

14. The method as recited in claim 10 wherein the radiation curing polymer is radiation-curing urethane.

15. The method as recited in claim 10 wherein the radiation source is a UV light source.

~~/a~~ 16. A printing blanket comprising:
a compressible layer made of a radiation-curing polymer; and
a print layer.

~~/b~~ 17. The printing blanket as recited in claim 16 further comprising a sleeve beneath the compressible layer.

~~/a~~ 18. The printing blanket as recited in claim 16 wherein the print layer is made from a radiation-curing polymer.

~~/b~~ 19. The printing blanket as recited in claim 16 wherein the radiation curing polymer is UV-curing urethane.

~~/a~~ 20. The printing blanket as recited in claim 16 further comprising a reinforcing layer

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/a between the compressible layer and the print layer.

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